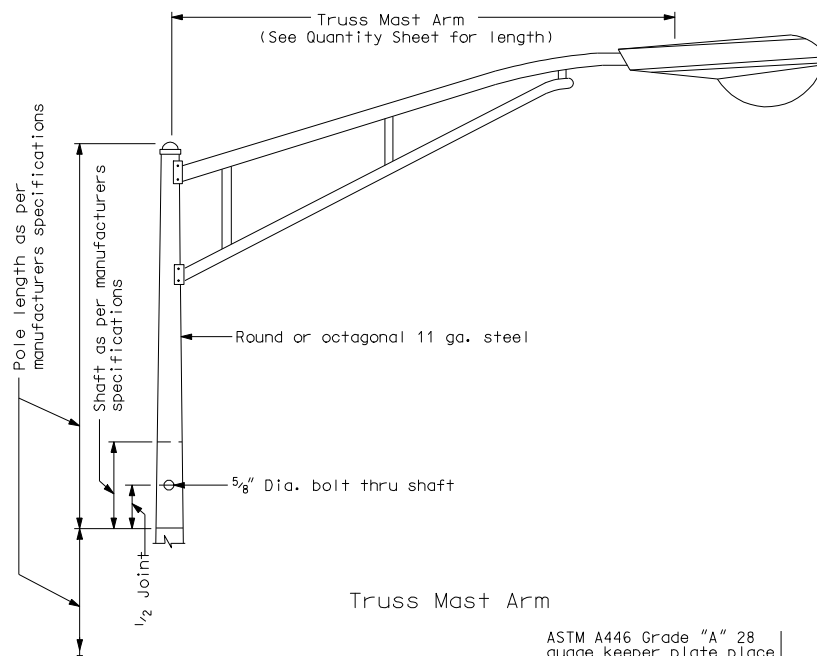
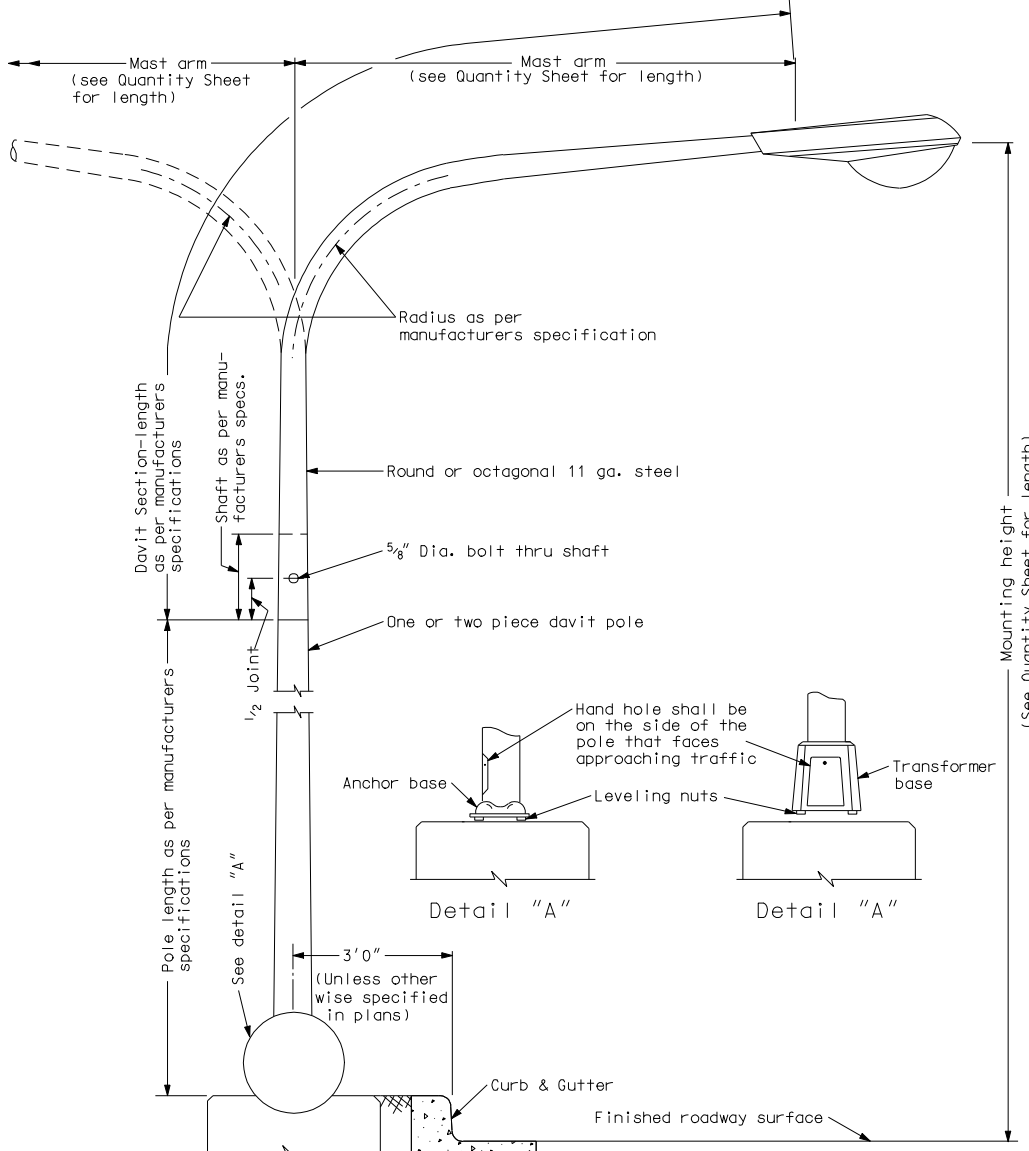


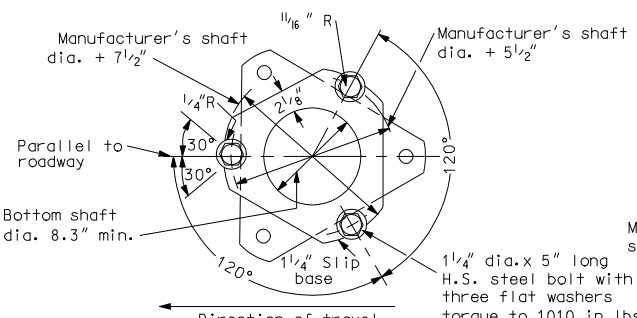
D-770-5

LIGHT STANDARD DETAILS

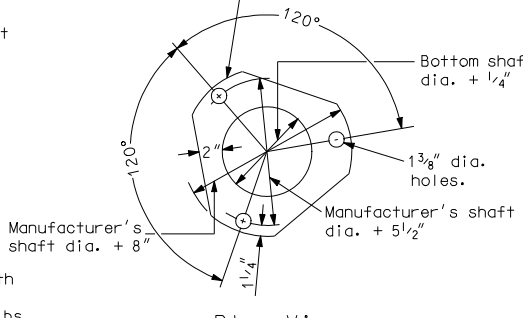
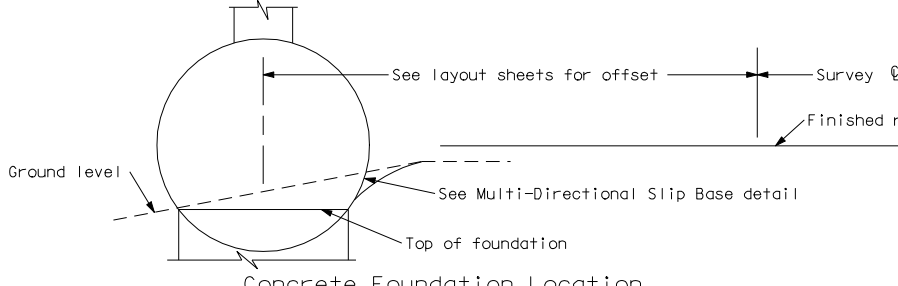


Truss Mast Arm

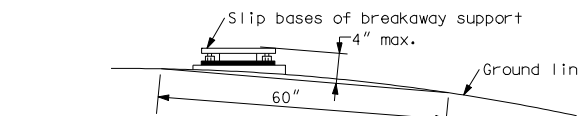
ASTM A446 Grade "A" 28
guage keeper plate plac
on top of middle flat
washer. Keeper plate
shall be galvanized
after fabrication.



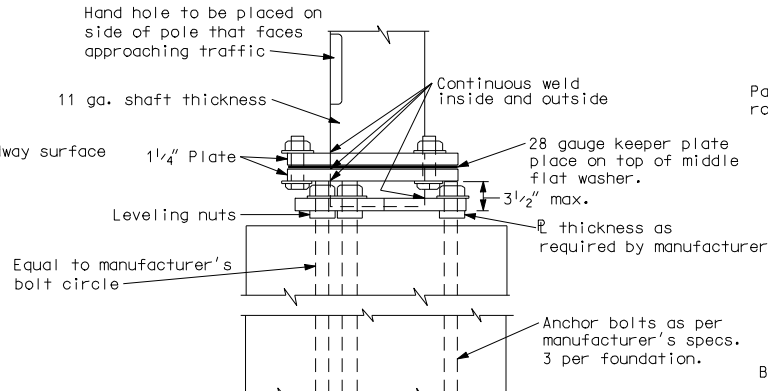
Top View

Plan View
Keeper Plate

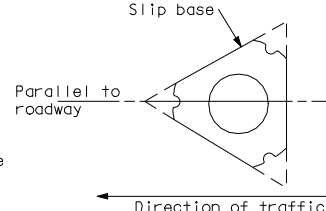
Concrete Foundation Location



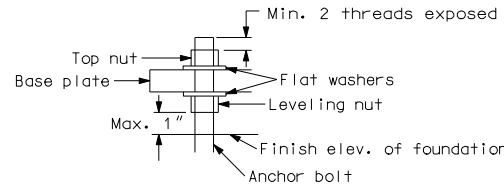
Breakaway Support Stub Clearance Diagram



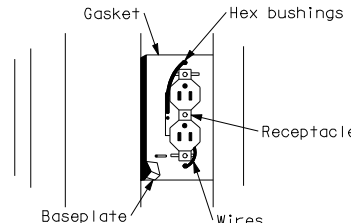
Steel Base Detail
Multi-Directional Slip Base



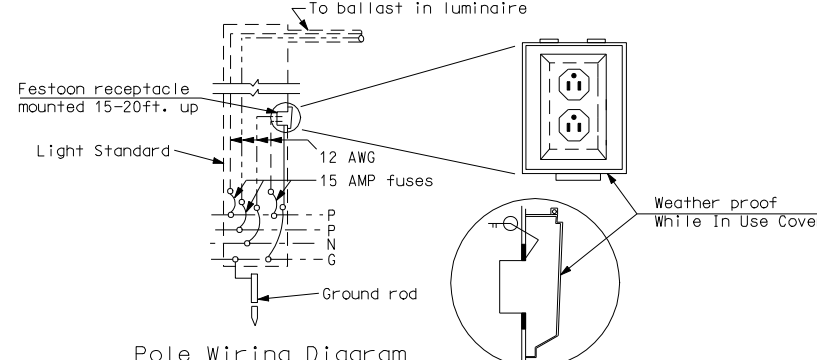
Slip Base Placement Detail



Anchor Bolt Detail



Optional - Festoon receptacle mounted on multi-sided pole.



Pole Wiring Diagram

Receptacle Mounting Detail

Receptacle shall be mounted on the side of the pole that faces the street side.

(Festoon Receptacle shall be installed only when specified in the plans.)

NOTES

Light Standard Locations: The offset distance shall have a minimum offset from the curb face of 3 feet to a maximum offset outside the clear zone. Light standards that are placed in urban areas and where speeds are less than 30 mph, may be placed at 3 feet. Where speeds are 30 mph or more, light standards shall be placed at least 16 feet from the driving lane. All light standards shall be breakaway if they are within the clear zone.

Steel Standards: Marred or scratched areas shall be touched up after erection.

Mast Arm: See quantity sheet for length.

Luminaire: Shall be internal ballast-constant wattage 120 x 240 voltage. See layout sheets for type of luminaire, wattage, I.E.S. distribution, and operating system.

Fusing: Fusing in base, see specifications.

Slip Base Bolt Torque Procedure:

1. Tighten all bolts the maximum possible with 12" to 15" wrench to bed washers and to clean bolt threads, then loosen.
2. Retighten bolts with a systematic order to prescribed torque.
3. Loosen each bolt and retighten to prescribed torque in same order as initial retightening.
4. Burr threads of junction with nut using center punch to prevent nut loosening.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
10-1-86	
REVISIONS	
DATE	CHANGE
11-13-02	Location note added
08-21-03	Rev. festoon receptacle
12-01-04	PE Stamp added

This document was
originally issued
and sealed by
MARK S GAYDOS,
Registration Number
PE-4518,
on 12/01/04 and the
original document
is stored at the North
Dakota Department
of Transportation